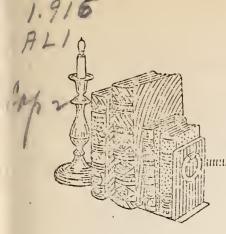
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# LIBRARY NEWSLETTER

U.S. DEPARTMENT OF AGRICULTURE

ALBUQUERQUE BRANCH P.O. BOX 1348

Phone 6741-Ext. 108 Vol. 7, Nos. 1 - 2 220 East Central July & Aug. 1948

#### NEW BOOKS

CHEMICALS, HUMUS, AND THE SOIL, by P. P. Hopkins. 358 p. Chemical Fub. Co. 1948 57.4 H77

A simple presentation of contemporary knowledge and opinions about fertilizers, manures, and soil fertility - Subtitle

The book points out the necessity of chemical fertilizers for maintaining the fertility of the soil. It also includes concise information on which soil conditions and which chemical fertilizers are most suited for special crops and vegetables.

DDT, KILLER OF KILLERS, by U. T. Zimmerman and Irvin Lavine. Industrical Research Service. 180 p. 1946 423 Z62

The fascinating and entertaining story of the modern miracle insecticide - what it is - how it is made and formulated - how it works - and what it can do for you.

FARM MARUAL. 284 p. Popular Mechanics Press. 1947 291 F81

You will find directions in this book on how to wire a house, repair electrical appliances and plumbing; how to build tractors, stackers, hydraulic rams, fences and scores of other items. There are six chapters: 1- Farm Machinery and Implements; 2- Farm Workshop, Equipment and Repairs; 3- Poultry and Livestock; 4- Vegetable Storage and Processing; 5- The Farm Home, Improvement and Maintenance 6- Farm hints and Kinks.

FIRE, by George R. Stewart. 336 p. Random House 1948 145.3 Sth.

The hero of this new novel by the author of STORM is a spark that almost flickers out at birth, smolders for awhile, is revived and then grows with a violent force into a conflagration raging over miles of timberland. As the fire threatens to destroy a huge western forest, the drama rises in a succession of climaxes through eleven days of heroic resistance until it is overcome. While the fire and the characters are fictitious the fire fighting techniques and work of the Forest Service are real and graphically described.

LUMBER; Manufacture, Conditioning. Grading, Distribution, and Use, by Nelson C. Brown 344 p. Wiley 1947 99.76 B81Lu

The book analyzes the general manufacturing procedures for converting logs into lumber, and discusses equipment, sawing methods, power requirements, and the utilization of by-products. Conditioning, both by air seasoning and kiln drying is explained, and the grading process is examined. The distribution of lumber through the manufacturer, retailer, and wholesalor, and the utilization of the distributed product are dealt with at length.

KNOWING YOUR TREES, by G. H. Collingwood. 312 p. 3rd od. Amor. Forestry Assn. 1917 99.3 069

The authors have included one hundred and fifty outstanding American trees. Actual photographs of each tree - winter and summer - its leaf, bark, flower and fruit are presented, along with a map showing where it grows.

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The text describes the totanical features of each tree, its range and habits, its uses and economic importance, and the meaning of its scientific name,

PLANTS AND ENVIRONMENT, a Textbook of Flant Autocology, by R. F. Daubenmire, 424 p. the Wiley 463.8 D26

The author has been teaching the fundamentals of plant ecology for more than ten years. In this book he presents an analysis of the environmental factors of direct importance to plants. Such factors as soil types, topography, temperature and varying degrees of light are related to the health or lack of health of plants. Here is a wealth of material that no one working in forestry, pathology, range management or soils can afford to miss.

THE PSYCHOLOGY OF EVERYDAY LIVING, by Ernest Dichter, 239 p. 1947 140 D54

Here is a book for those who are in carnest about understanding and working smoothly with people. The author is a pioneer exponent of a secentific approach to the problems of management and human relations, and has spent years of research on basic motives and influences that reshape human nature and conduct. There are chapters on Successful Living. Our Attitudes and Emotions. Cotting Fun out of Life. The Seber Side of Life. Health and Efficiency and A Task for the Social Engineer.

THE WELDING ENCYCLOFEDIA'. 12th od. 1024 p. Wolding Engineer Pub, Co., 1947

A wealth of information arranged in alphabetical order for easy reference.

Nany helpful facts and tables will be found in the Appendix. A Trade Names
list and a Welding Incustry Buyers Manual ar. included.:

WESTERN VEGETABLE PRODUCTION, by J. H. MacGillive y. 177 p. Univ. of California 1948 91 M17

This text has been planned from the viewpoint of presenting the important aspects of vegetable production in concise form. The book is divided into two parts. Fart I covers the general principles of production, such as physiology, plant breading, and irrigation. Part II treads of the application of these principles to the production of different crops.

WILD ANIMALS OF THE ROCKIES - Adventures of a Ferest Ranger, by William M. Rush. 296 p. Harper 1947 412.1 R89

For ever twenty years Mr. Rush was a ranger in the Forest Service. This is a lively account of his experiments with wild animals. He writes of bears, deer, olk, mose, entelope, buffale and mountain goats from first hand knowledge, and careful observation. Writing to instruct as well as to entertain he is careful to correct many popular miscenceptions about the wild animals of the West. The American people, he believes, need more knowledge of our geme animals in order to approach with semmon sense the problem of conserving our national resources.

TEARBOOK OF AGRICULTURE 1948, Grass U.S. Govt. Print, Off. 1948 892 p. 1 Ag84Y

The new Yearbook will be of particular interest to USPA employees in the Southwest because of the importance of grass in the agricultural economy of this region. The four parts of the book progress from the general aspects of the subject to the more specific. First is an examination of grass as it applies to people anywhere, with emphasis on livestock and soil conservation. Next is a study of grass as it is used in the regions of the United States. The third part is a handbook on the nature and identification of the most important and useful

YEARBOOK OF AGRICULTURE 1948 (Cont.)

grasses, logumos, and associated plants. Finally there is a section of tables, charts, lists of plant names, recommendations of seedings and mixtures, references to further reading, and the index.

#### YEW PERIODICALS

The periodicals listed below have been added to our files since the publication of the January 1948 periodical list. Let us know if you wish to receive any of those on circulation.

Crop Comments Mo.

Published by Arizona Fertilizers, inc.

Signed articles on soils, fertilizers, and agricultural subjects. There is a section on Crop Conditions in Arizona.

Monthly Review - Agricultural and Business Conditions Mo.
Published by the 10th Federal Reserve District, Kansas City.
Colorado and New Mexico are included in this review.

Monthly Business Roview of the Foderal Reservo Bank of Dallas Mo., Information on Arizona and New Moxico.

Now Moxico Business. A Menthly Review of Business Conditions in New Mexico.

United Nations World Mo. Signed articles on world conditions and affairs.

U.S. Office for Food and Food Conservation. Nowslotter
Nows notes on events in Washington and the programs of local
committees and organizations.

What's New in Crops and Soils. 9 times a year
Published by the American Society of Agronomy.
Signed articles on new crops, varieties, cropping systems, soil treatment, fortilizer practices, tillage and weed central.

Land Economics is the new title of The Journal of Land and Public Utility Economics. It is a quarterly journal of planning, housing and public utilities.

## BIBLIOGRAPHY OF AGRICULTURE

"By using the author and subject indexes (of the Bibliography of Agriculture) a member of the staff of the Department is able to determine in fifteen or twenty minutes each menth substantially all that has been published any place in the world that affects his work. A postcard or call to the Library, or to any of its branches, brings to him any item of interest either in the original or in photographic reproduction... In offect, this places the world's agricultural literature on the disk of every man who is willing to exert a minimum amount of effort to get it."

Ralph R. Shaw, The Librarian U.S. Department of Agriculture Library

#### AGRICULTURAL ENGINEERING

FARM BUILDING PLANS. Ky. Ext. Div. Circ. 397. Fob. 1948 275.29 K41C
HAY RACK AND FEED TROUGH FOR WELNER CALVES AND YEARLINGS. Nevada Agr. Exp. Sta. Bul.
no. 178 1948 100 N41Sb
ELECTRIC WELDERS ON THE FARM AND THEIR EFFECT ON RURAL POWER DISTRIBUTION. Wash.

Agr. Emp. Sta. Bul. 487 1947 100 W27Eb

#### CROPS - SEEDS - WEEDS

CHEMICAL CONTROL OF WEEDS IN OKLAHOMA FOR 1948. Okla, Agr. Exp. Sta. Circ. C-126

CORN SEED TRIATMENT. Ind. Agr. Exp. Sta. Circ. 337 1948 100 In2Pc

EFFECT OF CROP ROTATION AND MANURE ON THE YIELD AND QUALITY OF SUGAR BEETS, UNITED

STATES SCOTTS BLUFF (NEBR.) FIELD STATION, 1930-41. USDA Circ. 779 1948 1 Ag840

FARMING THAT FITS THE LAND IN THE LOESS-DRIFT HILLS OF MORTHEASTERN KANSAS.

USDA PA-35 1947 1 Ag84Pro

IMPROVED STRAINS OF COTTON FOR NEW MIXICO. N.M. Agr. Exp. Sta. Bul. 337 1943
INSPECTION OF LEGULE INCCULANTS. Ind. Agr. Exp. Sta. Circ. 332 1947 100 In2Pc
PLANNING AND PLANTING AN ORCHARD. Ky. Agr. Ext. Div. Circ. 347 Rov. 1948 275.29 K410
FORTABLE CLEANERS FOR SEED GIAIN. Calif. Ext. Circ. 141 1948 275.29 C120
ROOT KNOT IN ARIZONA. Agr. Exp. Sta. Bul. 212 1948 100 Aria

SIZE AND SHAPE OF PLOTS AND DISTRIBUTION OF PLOT YIELD FOR FIELD EXPARIMENTS WITH PEANUTS, Ala, Agr, Exp. Sta. Prog. Rpt. 39 1948 100 Al 1Prog STRAWBERRY VARIETIES IN THE UNITED STATES. USDA Farmors: Bul. 1043 1948 1 Ag84F TEST SEED GRAIN TO GET BIGGER YIELDS AND BETTER QUALITY, Pa. Ext. Loaf. 125. 1948 TOMATO DISEASES. USDA Farmors: Bul. 1934 Rov. 1948 1 Ag84F WATER INPUT USED FOR FIELD CROPS AT THE UNITED STATES SCOTTS BLUFF (HEBR.) FIELD STATION, 1941-44. USDA Circ. 777 1948 1 Ag84C

#### ENTOMOLOGY

CATERPILLARS DESTRUCTIVE TO TOMATO. Calif. Agr. Exp. Sta. Bul. 707 1948 100 0125 b A CHROMOLOGICAL LIST OF PUBLICATIONS ON LIQUEFIED-GAS AEROSOLS. U.S. Bur. of Ent. and Plant Quar. E-754 1948 1.9 En83

INCECT PESTS OF MUCK CTOPS. Ind. Agr. Exp. Sta., Circ. 388 1948 100 In2Pc SEASONAL HISTORY OF THE SCUTHWESTERN CORN ECRER IN OKLAHOMA: APD EXPERIMENTS ON METHODS OF CONTROL. Ohla. Agr. Exp. Sta., Toch. Bul. T-32 1948 100 OklaT THE SOUTHWESTERN CORN BORDR AND ITS CONTROL. Gkla., Agr. Exp. Sta. Bul. B-321 1948 TESTS WITH MIST BLOWERS TO CONTROL VARIOUS INSECTS. U.S. Bur. of Ent. and Plant Quar. D-751 1948 1-9En83
TWO HOMEMADE SPRAY BOOMS FOR MAINE APPLE CROMERDS. Main Agr. Exp. Sta. Bul.458 1948

## IRRIGATION

IRRIGATING FIELD CROPS IN MONTANA, Mont. Ext. Bul. 237 1946 275,29 M76B
A PRACTICAL NETHOD OF DETERMINING LENGTH OF RUWS, SIZD OF FURROW STREAMS, AND SPACING OF FURROW; ON IRRIGATED LAND. U.S. Soil Conservation Service 1947 (Tentative)
YOUR STATE IN INCRESSING PRODUCTIVITY OF COLORADO'S IRRIGATED LAND. Colo. Ext. Serv. Circ. 159-A 1948 275.29 C71C

## LIVESTOCK

BRUCELLOSIS OF SWINE. USDA Circ. 781 1948 1 Ag84C

CATTLE LICE AND HOW TO ERADICATE THEM. USDA Farmors: Bul. 909 Rov. 1947 1 Ag84F

DAIRY HERD MANAGEMENT IN THE CONTROL OF INSTITIS. Nev. Agr. Exp. Sta. Bul. 179 1948

FEEDING TESTS WITH SHEEP, SVINE, AND BEEF CATTLE 1947-48. Okla Agr. Exp. Sta.

Misc. Pub. MP-13 1948 100 Okla

GRACS SILAGE. Ind. Agr. Exp. Sta. Circ. 333 1948 100 In2Pc

LOW PROTEIN ROUGHAGE FOR FATTENING CATTLE. N.M. Agr. Exp. Sta. Bul. 343 1948



